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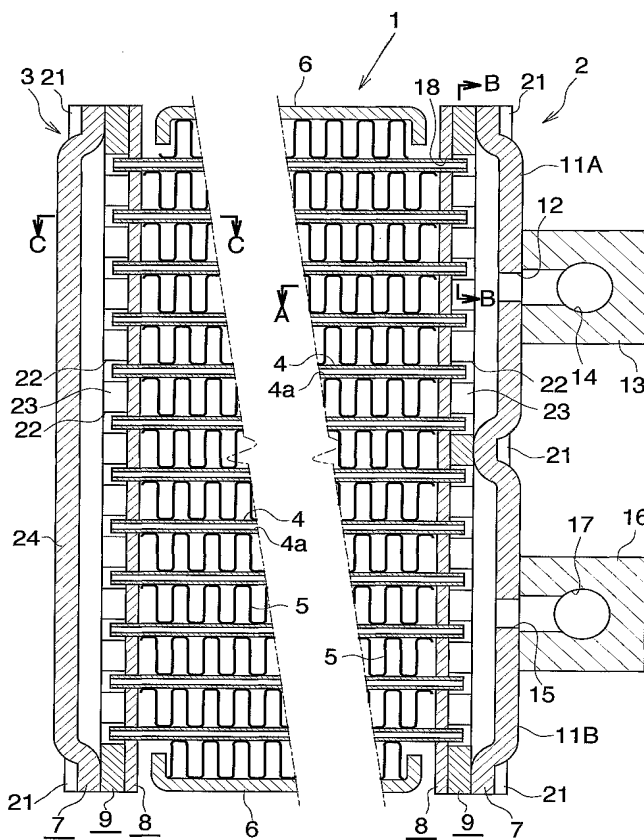
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(54) Title: HEAT EXCHANGER HEADER TANK AND HEAT EXCHANGER COMPRISING SAME



(57) Abstract: A heat exchanger 1 has header tanks 2, 3 each comprising a header forming plate 7, a tube connecting plate 8 and an intermediate plate 9 interposed between these two plates 7, 8, the plates 7, 8, 9 being arranged in superposed layers and brazed to one another. Each of the plates 7, 8, 9 is made from a metal plate by press work. The header forming plate 7 has outward bulging portions 11A, 11B or an outward bulging portion 24. The tube connecting plate 8 has tube insertion holes 18. The intermediate plate 9 has communication holes 22 for causing tube insertion holes 18 to communicate with the interior of each outward bulging portion 11A, 11B or 24 therethrough. Heat exchange tubes 4 have opposite ends placed into the respective insertion holes 18 and brazed to the respective tube connecting plates 8. The heat exchanger comprising such header tanks 2, 3 is reduced in the number of components, can be fabricated with a high work efficiency and exhibits improved heat exchange performance.

WO 2005/088225 A1



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